

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10: Canceled

Claim 11 (New): A method for treating disorders comprising administering an effective amount of the protein DCoH.

Claim 12 (New): A method according to claim 11, wherein the DCoH is in a pharmaceutically acceptable excipient containing a transfer medium supporting the DCoH.

Claim 13 (New): A method according to claim 12, wherein the transfer medium is a liposome preparation or a virus.

Claim 14 (New): A method according to claim 11, wherein the DCoH is administered topically.

Claim 15 (New): A method according to claim 11, wherein the DCoH is administered via injection.

Claim 16 (New): A method for treating pigmentation or d-pigmentation of skin or hair, comprising administering an effective amount of the protein DCoH.

Claim 17 (New) A method for treating vitiligo, alopecia areata, canities, and/or melanoderma, comprising administering an effective amount of the protein DCoH.